

TFW



Customer No. 29315

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:)	Docket No.: 23480-501
)	
Cheng LEE <i>et al.</i>)	Confirmation No.: 5139
)	
Serial No.: 10/047,759)	Examiner: Alan D. Diamond
)	
Filed: January 15, 2002)	Group Art Unit: 1753

For: MICROFLUIDIC APPARATUS FOR PERFORMING GEL PROTEIN EXTRACTIONS AND METHODS
FOR USING THE APPARATUS

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P. O. Box 1450
Alexandria, VA 22313-1450

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §§ 1.56, 1.97 and 1.98, Applicants hereby make of record in the above-identified application the documents listed on the attached Form PTO-1449.

Applicants have listed publication dates on the attached PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated. Where the publication date of a listed document does not provide a month of publication, the year of publication of the listed document is sufficiently earlier than the effective U.S. filing date and any foreign priority date so that the month of publication is not an issue.

Applicants reserve the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.


This Supplemental Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits. No certification or fee is required. 37 C.F.R. 1.97(b).

It is respectfully requested that the Examiner initial and return a copy of the enclosed PTO-1449.

Respectfully submitted,

MINTZ, LEVIN, COHN, FERRIS, GLOVSKY
and POPEO, P.C.

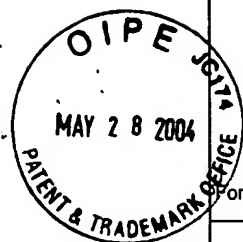
By


Bradford C. Blaise

Registration No.: 47,429

12010 Sunset Hills Road, Suite 900
Reston, Virginia 20190
Telephone: (703) 464-4800
Telefax: (703) 464-4895

Dated: May 28, 2004



INFORMATION DISCLOSURE CITATION IN AN APPLICATION

Form PTO-1449

Docket Number	Application Number
23480-501	10/047,759
Applicant(s)	
Cheng LEE <i>et al.</i>	
Filing Date	Group Art Unit
January 15, 2002	1753

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	1A	5,066,377	11/19/1991	Rosenbaum <i>et al.</i>	204	182.8	
	1B	5,599,432	02/04/1997	Manz <i>et al.</i>	204	451	
	1C	5,635,045	06/03/1997	Alam	204	462	
	1D	5,795,720	08/18/1998	Henco <i>et al.</i>	435	6	
	1E	5,916,428	06/29/1999	Kane <i>et al.</i>	204	601	
	1F	5,957,579	09/28/1999	Kopf-Sill <i>et al.</i>	366	340	
	1G	6,013,165	01/11/2000	Wiktorowicz <i>et al.</i>	204	456	
	1H	6,068,752	05/30/2000	Dubrow <i>et al.</i>	204	604	
	1I	6,274,089	08/14/2001	Chow <i>et al.</i>	422	101	
	1J	6,406,604	06/18/2002	Guzman	204	601	
	1K	6,540,896	04/01/2003	Manz <i>et al.</i>	204	451	
	1L	6,592,735	07/15/2003	Meier <i>et al.</i>	204	621	

FOREIGN PATENT DOCUMENTS

	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
							YES	NO
	1M	WO 98/00231	01/08/1998	International				
	1N	WO 00/57170	09/28/2000	International				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

	1O	CAPLUS abstract for Domingo (ES 2078878 A1).
	1P	CAPLUS abstract for Grushka <i>et al.</i> ("Effect of Temperature Gradients on the Efficiency of Capillary Zone Electrophoresis Separations", <i>Analytical Chemistry</i> , (1989), 61(3); 241-6).
	1Q	CAPLUS abstract for Guttman <i>et al.</i> ("Effect of Temperature on the Separation of DNA Restriction Fragments in Capillary Gel Electrophoresis", <i>Journal of Chromatography</i> , (1991), 559(1-2); 285-94).
	1R	CAPLUS abstract for Zhang <i>et al.</i> ("The Effect of Column Temperature on the Migration Times of Peptides in Free-Solution Capillary Electrophoresis", <i>Journal of Liquid Chromatography</i> , (1993), 16(17); 3689-97).
	1S	GAO <i>et al.</i> , "High-Throughput Detection of Unknown Mutations by Using Multiplexed Capillary Electrophoresis with Poly(vinylpyrrolidone) Solutions", <i>Analytical Chemistry</i> , Volume 72, No. 11, June 1, 2000, pages 2499-2506.
	1T	GOTTSCHLICH <i>et al.</i> , "Two-Dimensional Electrochromatography/Capillary Electrophoresis on a Microchip", <i>Analytical Chemistry</i> , Volume 73, No. 11, June 1, 2001, pages 2669-2674.
	1U	ROCKLIN <i>et al.</i> , "A Microfabricated Fluidic Device for Performing Two-Dimensional Liquid-Phase Separations", <i>Analytical Chemistry</i> , Volume 72, No. 21, November 1, 2000, pages 5244-5249.

EXAMINER	DATE CONSIDERED
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

